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c PTO/S8/05 (08:00) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. GNVPN_019B1USA UTILITY Attorney Docket No. PATENT APPLICATION nventor James M. Wilson et al Method for Recombinant Adeno-Associated First Inventor TRANSMITTAL Virus-Directed Gene Therapy Express Mail Label No. EK992703413US (Only for new nonprovisional applications under 37 CFR 1.53(b)) APPLICATION ELEMENTS ADDRESS TO: Box Patent Application See MPEP chapter 600 concerning utility patent application contents Washington, DC 20231 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) (Subaut an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) cification [Total Pages 57]]
wind arrangement set forth below) Specification Computer Readable Form (CRF) 8 937 - Descriptive title of the invention b. Specification Sequence Listing on: - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D i. CD-ROM or CD-R (2 copies): or - Reference to sequence listing, a table, i i.X paper or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention Brief Summary of the Invention
 Brief Description of the Drawings (if filed) ACCOMPANYING APPLICATION PARTS - Detailed Description Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement - Abstract of the Disclosure 10 (when there is an assignee) Attorney English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) [Total Sheets 16] Copies of IDS Information Disclosure 5. Oath or Declaration [Total Pages 73.] Statement (IDS)/PTO-1449 Citations 13. Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed) Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) DELETION OF INVENTOR(S) Certified Copy of Priority Document(s) (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR Other: 2nd Preliminary Amendmen 1.63(d)(2) and 1.33(b). 1-pq.-Letter-----Application Data Sheet, See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 09 , 242,977 of pnor application No :_ Continuation Divisional Contin ation-in-part (CIP) J. Martin 1632 Grown I Art I Ind For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labe Overest Consistence And on Affects per coats solarly have: 00270 Cathy A. Kodroff, Esquire Name Howson and Howson Spring House Corporate Center, Box 457 Address Spring House 19477 State Zin Code City 215-540-581 215-540-9200 Telenhone Fax Country

will vary depending upon the needs of the individual case. Any comments on Burden Hour Statement: This form is estimated to take 2.2 hours to comp the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Registration No. (Attorney/Agent)

Date 1-10-01

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James M. Wilson et™a

Complete if Known

Herewith

J. Martin

Application Number

First Named Inventor

Examiner Name

Filing Date

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 710.00		Atton	_		t No.	GNVPN.019B1USA	
METHOD OF PAYMENT The Commissioner is hereby authorized to charge	FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit	3. ADDITIONAL FEES Large Entity Small Entity						
Account Number 08-3040	Coc		Fee	Fee (\$)	•	Fee Description	Fee Pald
Deposit	105	130	205	65	Surcha	rge - late filing fea or oath	
Name Howson and Howson	127	50	227	25	Surcha cover s	rge - late provisional filing fee or heet	
Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17	139	130	139	130	Non-Er	glish specification	
Applicant claims small entity status.		2,520	147	2.520	For filling	ng a raquast for ex parta reexamination	
2. Payment Enclosed:	112	920*	112	920*	Reque: Examir	sting publication of SIR prior to er action	
Check Credit card Money Order Other	113	1,840*	113	1,840	* Requa: Examin	sting publication of SIR after ser action	
FEE CALCULATION *	115		215	55		ion for reply within first month	
1. BASIC FILING FEE	116		216			on for reply within second month	
Large Entity Small Entity Fee Fee Fee Fee Description	117	890 1,390	217			on for reply within third month	\vdash
Code (\$) Code (\$) Fee Paid						on for reply within fourth month	
101 710 201 355 Utility filling fee 710			228			on for reply within fifth month	
106 320 206 160 Design filing fee	119		219			of Appeal	h
107 490 207 245 Plant filing fee	120		220			brief in support of an appeal	
108 710 208 355 Reissue filing fee	121		221			it for oral hearing	
114 150 214 75 Provisional filing fee	140		138	55		to institute a public use proceeding	
SUBTOTAL (1) (\$)710.00						to revive - unavoidable	
2. EXTRA CLAIM FEES		1,240	241	620		to revive - unintentional sue fee (or reissue)	
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Total Claims 4 .20** = 0 x 18 = 0	144			300	Plant is		
Independent 1 - 3** = 0 × 80 = 0	122		122			s to the Commissioner	
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Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581	40	581	40		ng each patent assignment per y (times number of properties)	
103 18 203 9 Claims in excess of 20	146	710	246	355	Filing a	submission after final rejection R § 1.129(a))	
102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355	For eac	ch additional invention to be	
109 80 209 40 ** Reissue Independent claims	179	710	279	355		ed (37 CFR § 1.129(b)) If for Continued Examination (RCE)	
over original patent 110 18 210 9 ** Reissue claims in excess of 20	169		169	900		t for expedited examination (RCE)	
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Name (PrintiType) Cathy A. Kodroff 215-540-9200 Signature 1-10-01 WARNING: Information on this form hay become public. Credit card information should not

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